

FORETELL

Integrating
Intelligent Transportation Systems
With
Advanced Weather Prediction

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Structure

- Overview of FORETELL
- Progress to Date
- Next Steps
- Screen Shots

Users

- Maintenance Operators and Dispatchers
 - Weather and Road Condition Forecasts
 - 24 Hour Forecasts
 - Easy Access to Information
 - View multiple types of information simultaneously

Users

- Travelers
 - Driving conditions
 - Open or Closed?
 - Conditions
 - Weather conditions
 - Along route and at destination

FORETELL Concept

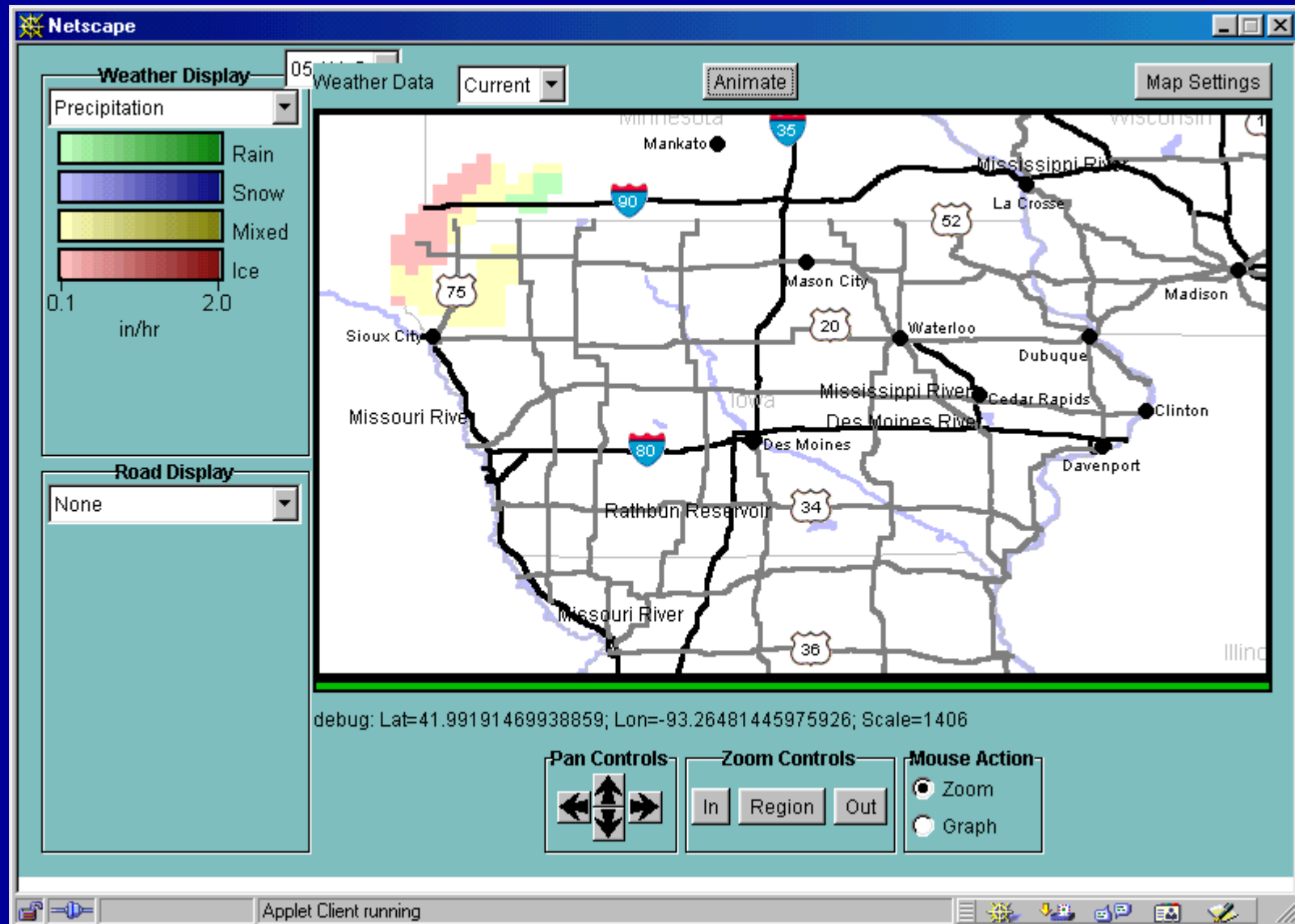
- Atmospheric Modeling
- Road Condition Modeling
- In-field Sensors (Fixed and Mobile)
- Condition Reports (Situations)
- Graphic Displays
- Phone / Fax / e-mail

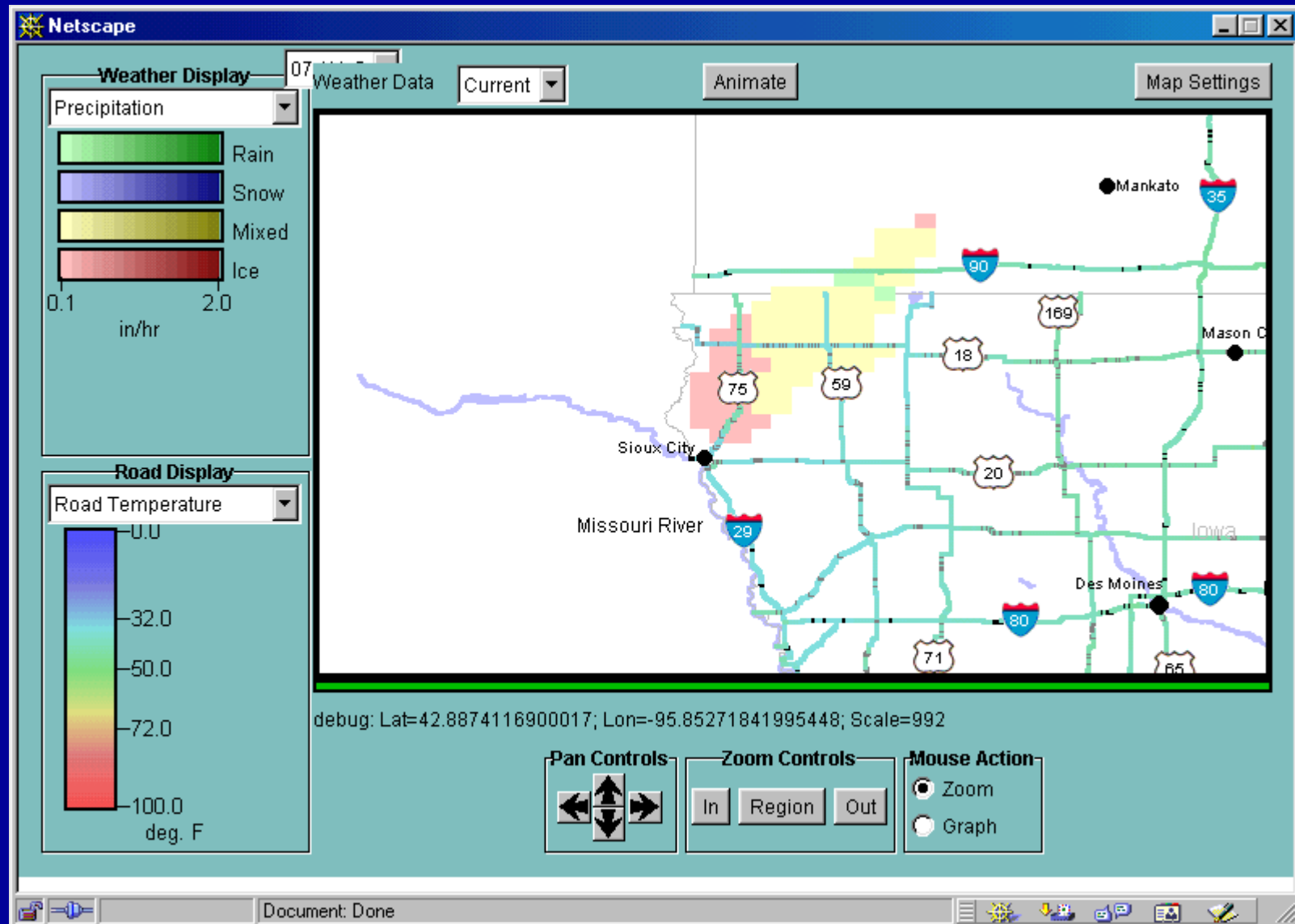
Current Status

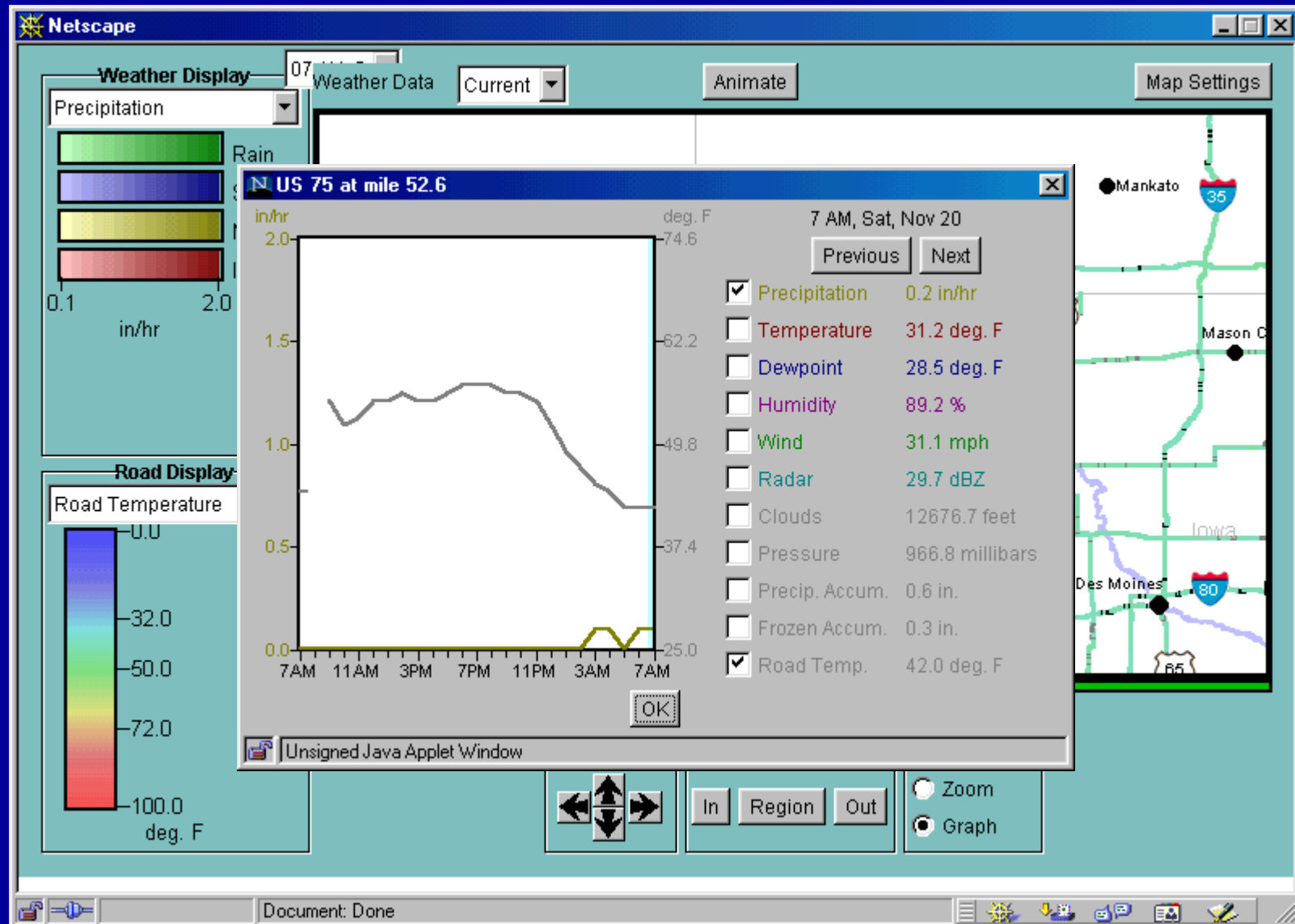
- 1998/1999 Winter
 - Models Developed and Data Collected
 - Demonstrate 1st Version of Display
- 1999/2000 Winter
 - Kickoff
 - Operation in FORETELL States

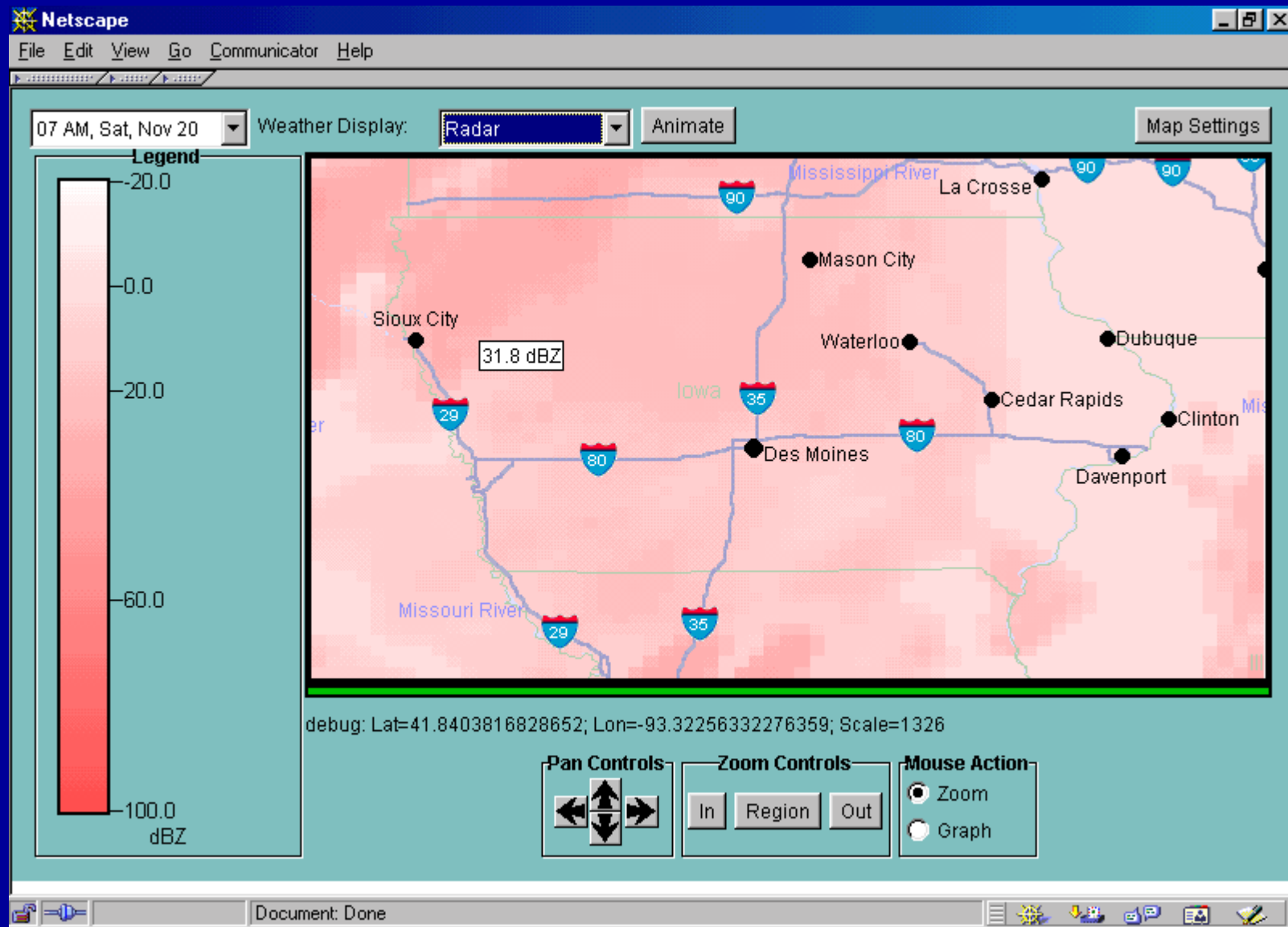
Next Steps

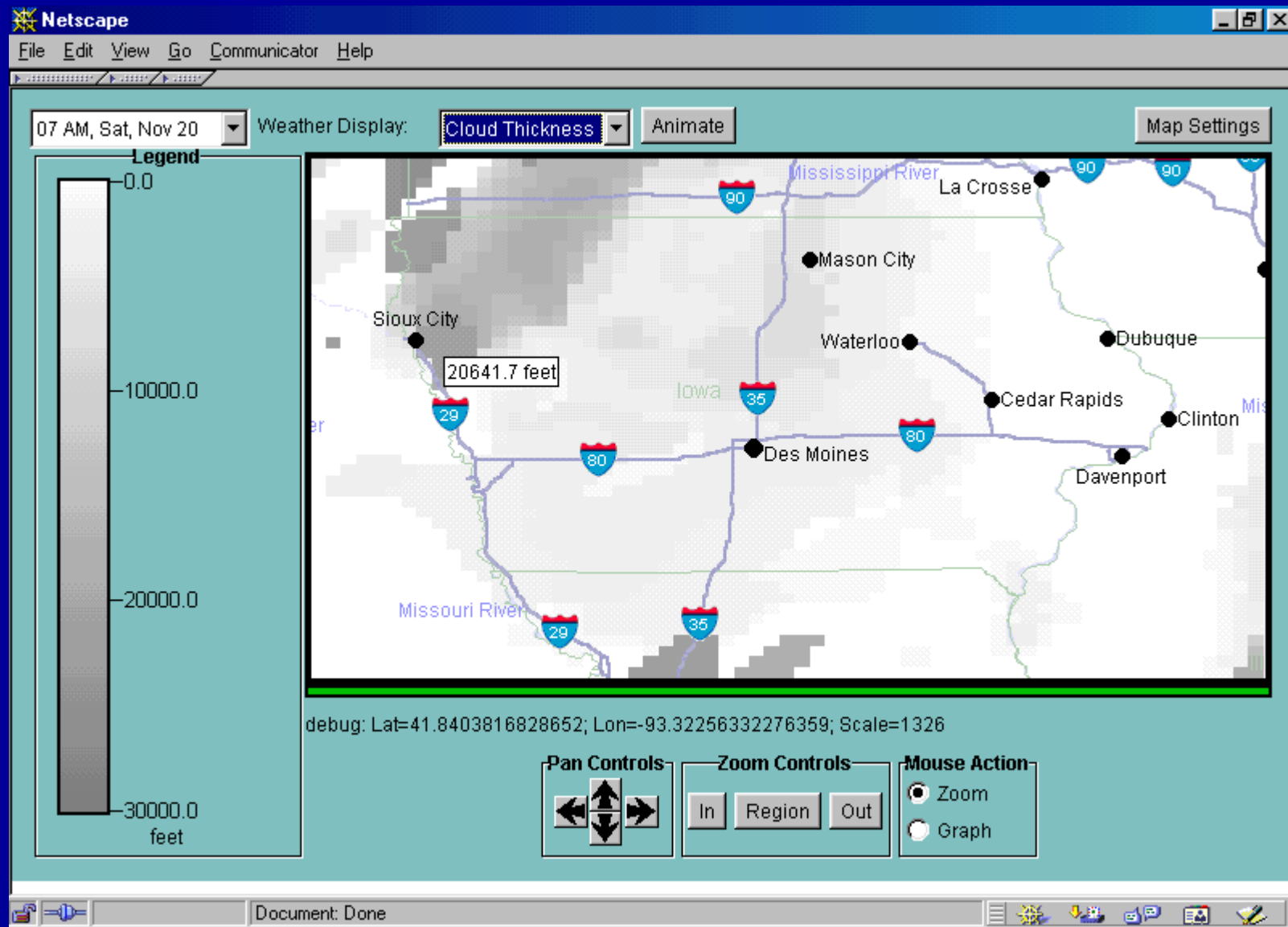
- Decision Support for Maintenance Operators
- Expansion of Data Sources
- Expansion of Dissemination Area











Conclusions

- Needs Driven
- Maintenance and Travelers
- More Information:
 - John Whited IADOT (515) 239-1411